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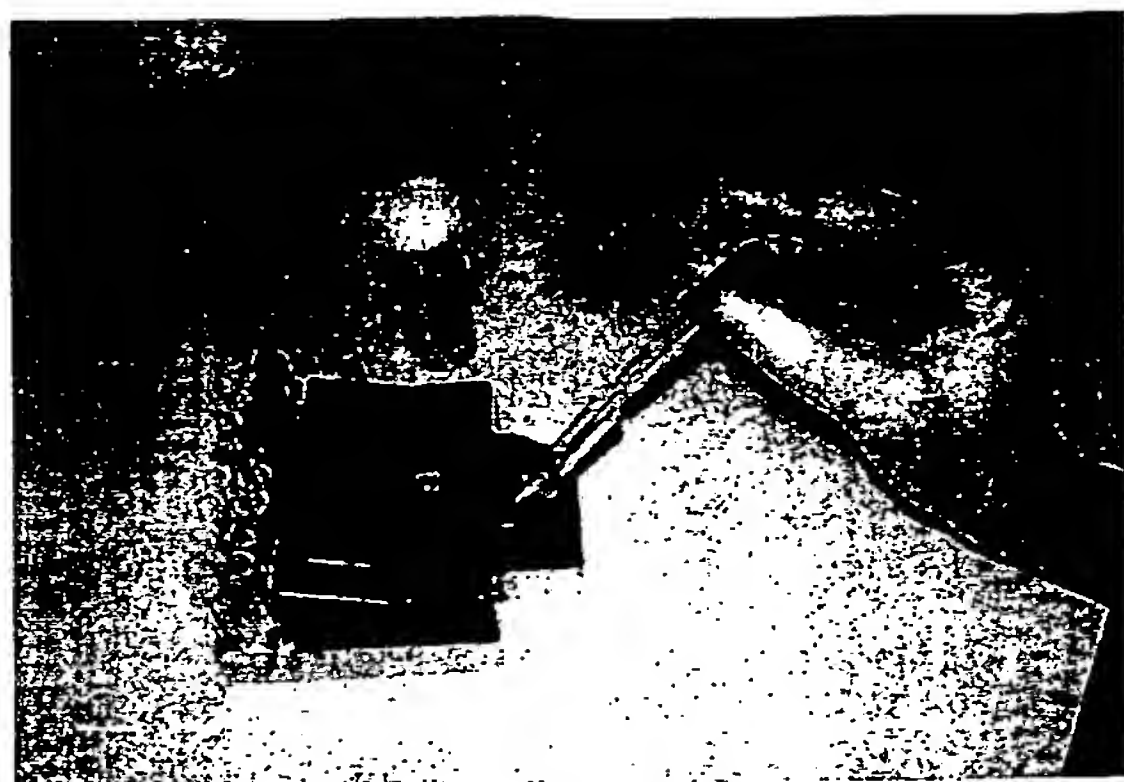
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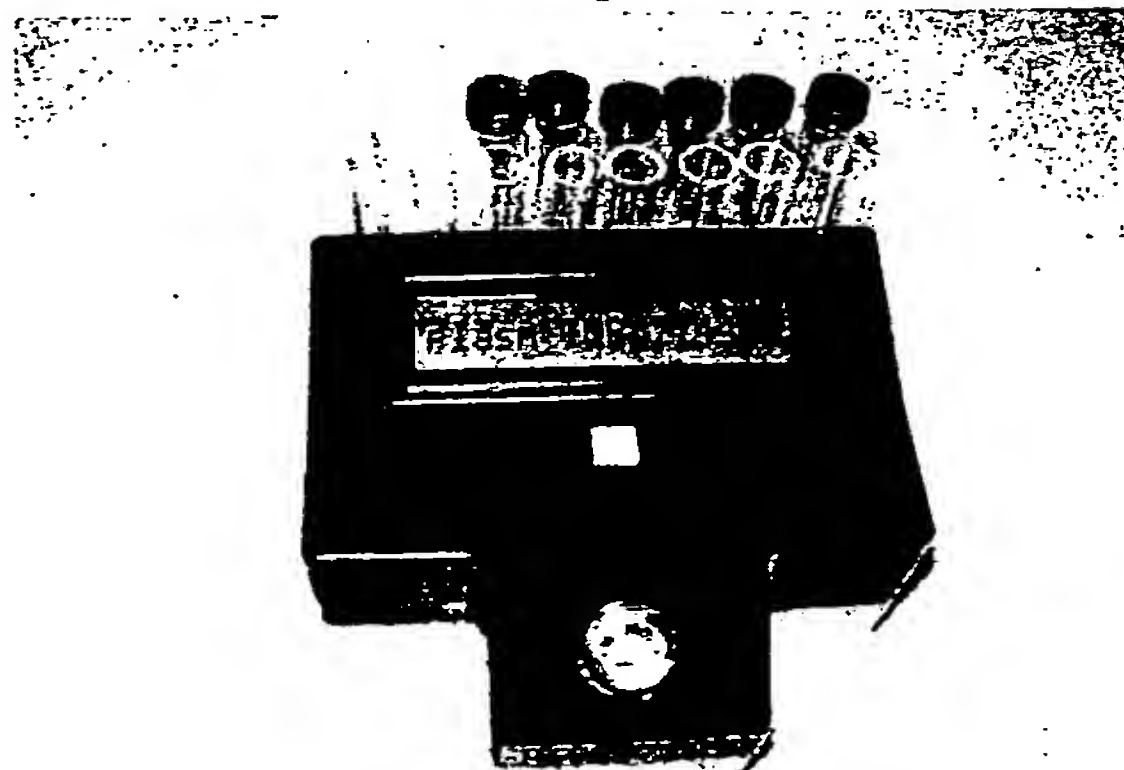
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(54) Title: HEMATOCRIT AND ANALYTE CONCENTRATION DETERMINATION



a



b

(57) Abstract: A method to determine an analyte concentra-  
tion of an anticoagulated plasma by performing at least two  
different measurements on a mixture of a blood sample corre-  
sponding to said anticoagulant plasma and of liquid reagent is  
described. The method comprises a) mixing a volume of said  
blood sample with a five-fold, or more, volume of said liquid  
reagent, b) performing said at least two measurements on said  
mixture, at least one of which correlates with the hematocrit  
of said blood sample and at least one of which correlates with  
said analyte concentration, and c) computing the results from  
the measurements when the volumes in a) are precise and accu-  
rate or when the hematocrit of said blood sample in b) is known  
to determine said analyte concentration of said anticoagulated  
plasma. In addition, a measurement and determination device  
for performing measurements on blood, anticoagulated blood  
and/or anticoagulated plasma samples, and an equipment kit  
are described.

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